

Memorandum

To: CHAIR AND COMMISSIONERS

Meeting Date: June 25-26, 2003

Reference No.: 2.5d.
Action Item

From: ROBERT L. GARCIA
Chief Financial Officer

Prepared by: Jim Nicholas
Division Chief
Transportation Programming

Ref: **ALLOCATION FOR PROJECTS THAT EXCEED 20 PERCENT OF PROGRAMMED
AMOUNT - RESOLUTION FP-02-94**

RECOMMENDATION:

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) approve the following resolution.

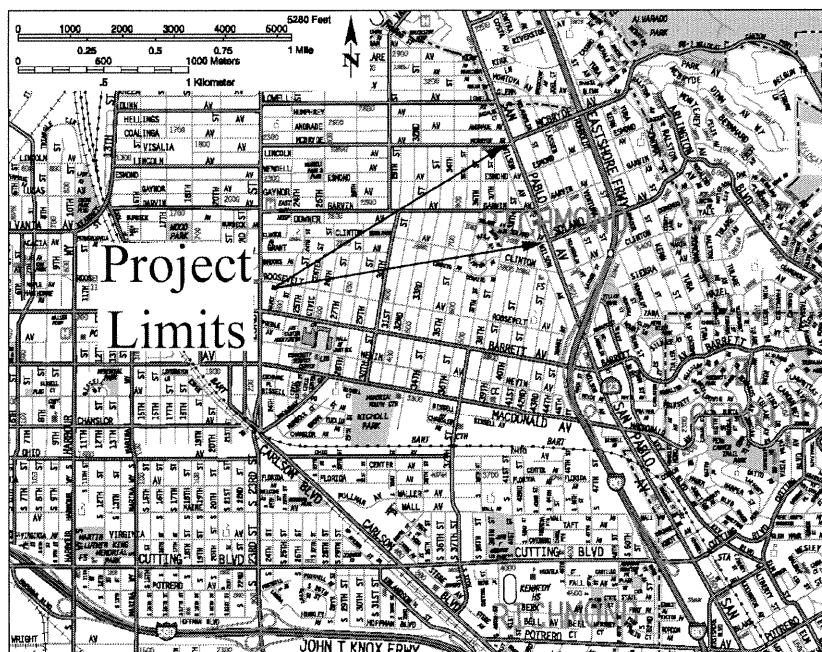
FINANCIAL RESOLUTION:

Resolved that \$2,900,000 be allocated from the Budget Act of 2002, from Budget Act Items 2660-302-0042 and 2660-302-0890 to provide additional funds for the project listed below. This major construction project proposed for funding is included in the State Highway Operations Protection Program (SHOPP).

SUMMARY AND CONCLUSIONS:

This resolution allocates State and Federal funds of \$2,900,000 for one (1) new major construction project that is programmed in the SHOPP. The project has construction costs that exceed 20 percent of its programmed amount. The additional funds requested for this SHOPP project will come from savings on other SHOPP projects.

| Project # | Allocation Amount | Recipient | RTPA/CTC | County | Location | EA | PPNO | Budget Year | State |
|---|-------------------|--|-------------------------------|-------------|---------------|-------------|---------------|-------------|-----------------------------|
| Dist-Co-Rte | Postmile | Project Description | Reason for Supplemental Funds | Program | Prog Year | Prog Amount | Budget Item # | Budget Code | Federal |
| | | | | | | | | | Total Amount |
| 2.5d Allocations for Projects with Cost Increases Greater than 120 Percent | | | | | | | | | Resolution: FP-02-94 |
| 1 | \$2,900,000 | In Richmond from Solano Avenue | | 1S8001 | | | | | |
| Department of | Transportation | Overcrossing to McBryde Avenue | | 0242U | | | | | |
| MTC | | Overcrossing. | | SHOPP / | 2002-03 | | | | |
| Contra Costa | | Construct soldier pile retaining wall. | | 02/03 | 302-0042 | \$245,000 | | | |
| 04U-CC-80 | | | | \$0 | 302-0890 | 2,655,000 | | | |
| 3.4/3.8 | | | | \$0 | 20.20.201.130 | | | | |
| | | | | \$0 | | | | | \$2,900,000 |
| | | | | \$1,296,000 | | | | | |



PROJECT DESCRIPTION

This project is located in Contra Costa County in Richmond from Solano Avenue Overcrossing to McBryde Avenue Overcrossing. The project will repair a slope slide by constructing a 508-meter long soldier pile retaining wall of three meter in height.

FUNDING STATUS

The project is currently programmed in the 2002 SHOPP for \$1,296,000 for construction in the 2002/03 fiscal year. This request for \$2,900,000 will result in an increase of 124% above the programmed amount.

BACKGROUND

Rainstorms during the 1990's have caused small landslides and surface erosion throughout the project site. These problems, coupled with over-steepening of cut slopes during construction and highly erodible slope material, have led to constant susceptibility of landslides, repeated maintenance repairs and unstable slopes. The existing slopes are in need of immediate and permanent repair to correct these problems. A Damage Assessment Form was approved by the Federal Highway Administration (FHWA) on March 5, 2001 for \$500,000 in Federal Emergency Relief funds and updated to \$2,900,000 on August 12, 2002.

This project's plans, specifications, and estimate (PS&E) package was submitted to HQ Office Engineer on April 15, 2003 and the right-of-way (R/W) was certified on March 25, 2003 and readied for advertisement. The project's allocation of fund is also being requested on the June 26, 2003 Commission's Meeting.

REASON FOR INCREASE

The project was originally scoped with preliminary geotechnical information. Several wall types were considered in the preliminary design analysis. With updated information and recommendations of the completed geotechnical report, a more detailed estimate of the specific type and size of wall was developed. When taken into account safety and constructability issues, a soldier pile wall was selected. Consider excavating into an unstable slope, the need for a second temporary wall for constructability, the right of way costs, the risks to costs associated with damage to an existing soundwall and adjacent property, and motorists' protection and convenience, this alternative is the most economical.

FUNDING OPTIONS

OPTION A: Approve this request as presented above for \$2,900,000 to allow this project to be advertised.

OPTION B: Deny this request and reprogram this project in a future funding cycle of the SHOPP. The Department considered this option, and determined that the project as submitted provides the best solution for addressing needs of the roadway segment.

RECOMMENDED OPTION

The Department recommends that this request for \$2,900,000, as presented in Option A above, be approved to allow this project to be advertised.